

Application No.: 09/868577
**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☒ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE



PCT09

#10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/868,677

DATE: 04/11/2002

TIME: 16:09:07

Input Set : A:\REG670A.txt

Output Set: N:\CRF3\04112002\I868677.raw

ENTERED

4 <110> APPLICANT: Samuel Davis, Nicholas W. Gale, George D. Yancopoulos, and
 5 Neil Stahl
 7 <120> TITLE OF INVENTION: METHOD OF ENHANCING THE BIOLOGICAL ACTIVITY OF LIGANDS
 9 <130> FILE REFERENCE: REG 670-A-US
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/868,677
 C--> 12 <141> CURRENT FILING DATE: 2002-02-08
 14 <150> PRIOR APPLICATION NUMBER: PCT/US99/30900
 15 <151> PRIOR FILING DATE: 1999-12-23
 17 <150> PRIOR APPLICATION NUMBER: 60/113,387
 18 <151> PRIOR FILING DATE: 1998-12-23
 20 <160> NUMBER OF SEQ ID NOS: 19
 22 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 2058
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo sapiens
 29 <220> FEATURE:
 31 <221> NAME/KEY: CDS
 32 <222> LOCATION: (1)...(2055)
 34 <400> SEQUENCE: 1

| | | |
|----|---|-----|
| 35 | atg tct gca ctt ctg atc cta gct ctt gtt gga gct gca gtt gct aga | 48 |
| 36 | Met Ser Ala Leu Leu Ile Leu Ala Leu Val Gly Ala Ala Val Ala Arg | |
| 37 | 1 5 10 15 | |
| 39 | gac tgt gca gat gta tat caa gct ggt ttt aat aaa agt gga atc tac | 96 |
| 40 | Asp Cys Ala Asp Val Tyr Gln Ala Gly Phe Asn Lys Ser Gly Ile Tyr | |
| 41 | 20 25 30 | |
| 43 | act att tat att aat aat atg cca gaa ccc aaa aag gtg ttt tgc aat | 144 |
| 44 | Thr Ile Tyr Ile Asn Asn Met Pro Glu Pro Lys Lys Val Phe Cys Asn | |
| 45 | 35 40 45 | |
| 47 | atg gat gtc aat ggg gga ggt tgg act gta ata caa cat cgt gaa gat | 192 |
| 48 | Met Asp Val Asn Gly Gly Gly Trp Thr Val Ile Gln His Arg Glu Asp | |
| 49 | 50 55 60 | |
| 51 | gga agt cta gat ttc caa aga ggc tgg aag gaa tat aaa atg ggt ttt | 240 |
| 52 | Gly Ser Leu Asp Phe Gln Arg Gly Trp Lys Glu Tyr Lys Met Gly Phe | |
| 53 | 65 70 75 80 | |
| 55 | gga aat ccc tcc ggt gaa tat tgg ctg ggg aat gag ttt att ttt gcc | 288 |
| 56 | Gly Asn Pro Ser Gly Glu Tyr Trp Leu Gly Asn Glu Phe Ile Phe Ala | |
| 57 | 85 90 95 | |
| 59 | att acc agt cag agg cag tac atg cta aga att gag tta atg gac tgg | 336 |
| 60 | Ile Thr Ser Gln Arg Gln Tyr Met Leu Arg Ile Glu Leu Met Asp Trp | |
| 61 | 100 105 110 | |
| 63 | gaa ggg aac cga gcc tat tca cag tat gac aga ttc cac ata gga aat | 384 |
| 64 | Glu Gly Asn Arg Ala Tyr Ser Gln Tyr Asp Arg Phe His Ile Gly Asn | |

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/868,677

DATE: 04/11/2002

TIME: 16:09:07

Input Set : A:\REG670A.txt

Output Set: N:\CRF3\04112002\I868677.raw

| | | | | |
|-----|---|------|-----|-----|
| 65 | 115 | 120 | 125 | |
| 67 | gaa aag caa aac tat agg ttg tat tta aaa ggt cac act ggg aca gca | 432 | | |
| 68 | Glu Lys Gln Asn Tyr Arg Leu Tyr Leu Lys Gly His Thr Gly Thr Ala | | | |
| 69 | 130 | 135 | 140 | |
| 71 | gga aaa cag agc agc ctg atc tta cac ggt gct gat ttc agc act aaa | 480 | | |
| 72 | Gly Lys Gln Ser Ser Leu Ile Leu His Gly Ala Asp Phe Ser Thr Lys | | | |
| 73 | 145 | 150 | 155 | 160 |
| 75 | gat gct gat aat gac aac tgt atg tgc aaa tgt gcc ctc atg tta aca | 528 | | |
| 76 | Asp Ala Asp Asn Asp Asn Cys Met Cys Lys Cys Ala Leu Met Leu Thr | | | |
| 77 | 165 | 170 | 175 | |
| 79 | gga gga tgg tgg ttt gat gct tgt ggc ccc tcc aat cta aat gga atg | 576 | | |
| 80 | Gly Gly Trp Trp Phe Asp Ala Cys Gly Pro Ser Asn Leu Asn Gly Met | | | |
| 81 | 180 | 185 | 190 | |
| 83 | ttc tat act gcg gga caa aac cat gga aaa ctg aat ggg ata aag tgg | 624 | | |
| 84 | Phe Tyr Thr Ala Gly Gln Asn His Gly Lys Leu Asn Gly Ile Lys Trp | | | |
| 85 | 195 | 200 | 205 | |
| 87 | cac tac ttc aaa ggg ccc agt tac tcc tta cgt tcc aca act atg atg | 672 | | |
| 88 | His Tyr Phe Lys Gly Pro Ser Tyr Ser Leu Arg Ser Thr Thr Met Met | | | |
| 89 | 210 | 215 | 220 | |
| 91 | att cga cct tta gat ttt ggc ccc gcg cct ttt aga gac tgt gca gat | 720 | | |
| 92 | Ile Arg Pro Leu Asp Phe Gly Pro Ala Pro Phe Arg Asp Cys Ala Asp | | | |
| 93 | 225 | 230 | 235 | 240 |
| 95 | gta tat caa gct ggt ttt aat aaa agt gga atc tac act att tat att | 768 | | |
| 96 | Val Tyr Gln Ala Gly Phe Asn Lys Ser Gly Ile Tyr Thr Ile Tyr Ile | | | |
| 97 | 245 | 250 | 255 | |
| 99 | aat aat atg cca gaa ccc aaa aag gtg ttt tgc aat atg gat gtc aat | 816 | | |
| 100 | Asn Asn Met Pro Glu Pro Lys Lys Val Phe Cys Asn Met Asp Val Asn | | | |
| 101 | 260 | 265 | 270 | |
| 103 | ggg gga ggt tgg act gta ata caa cat cgt gaa gat gga agt cta gat | 864 | | |
| 104 | Gly Gly Gly Trp Thr Val Ile Gln His Arg Glu Asp Gly Ser Leu Asp | | | |
| 105 | 275 | 280 | 285 | |
| 107 | ttc caa aga ggc tgg aag gaa tat aaa atg ggt ttt gga aat ccc tcc | 912 | | |
| 108 | Phe Gln Arg Gly Trp Lys Glu Tyr Lys Met Gly Phe Gly Asn Pro Ser | | | |
| 109 | 290 | 295 | 300 | |
| 111 | ggt gaa tat tgg ctg ggg aat gag ttt att ttt gcc att acc agt cag | 960 | | |
| 112 | Gly Glu Tyr Trp Leu Gly Asn Glu Phe Ile Phe Ala Ile Thr Ser Gln | | | |
| 113 | 305 | 310 | 315 | 320 |
| 115 | agg cag tac atg cta aga att gag tta atg gac tgg gaa ggg aac cga | 1008 | | |
| 116 | Arg Gln Tyr Met Leu Arg Ile Glu Leu Met Asp Trp Glu Gly Asn Arg | | | |
| 117 | 325 | 330 | 335 | |
| 119 | gcc tat tca cag tat gac aga ttc cac ata gga aat gaa aag caa aac | 1056 | | |
| 120 | Ala Tyr Ser Gln Tyr Asp Arg Phe His Ile Gly Asn Glu Lys Gln Asn | | | |
| 121 | 340 | 345 | 350 | |
| 123 | tat agg ttg tat tta aaa ggt cac act ggg aca gca gga aaa cag agc | 1104 | | |
| 124 | Tyr Arg Leu Tyr Leu Lys Gly His Thr Gly Thr Ala Gly Lys Gln Ser | | | |
| 125 | 355 | 360 | 365 | |
| 127 | agc ctg atc tta cac ggt gct gat ttc agc act aaa gat gct gat aat | 1152 | | |
| 128 | Ser Leu Ile Leu His Gly Ala Asp Phe Ser Thr Lys Asp Ala Asp Asn | | | |
| 129 | 370 | 375 | 380 | |

RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/09/868,677

TIME: 16:09:07

Input Set : A:\REG670A.txt

Output Set: N:\CRF3\04112002\I868677.raw

| | | |
|-----|---|------|
| 131 | gac aac tgt atg tgc aaa tgt gcc ctc atg tta aca gga gga tgg tgg | 1200 |
| 132 | Asp Asn Cys Met Cys Lys Cys Ala Leu Met Leu Thr Gly Gly Trp Trp | |
| 133 | 385 390 395 400 | |
| 135 | ttt gat gct tgt ggc ccc tcc aat cta aat gga atg ttc tat act gcg | 1248 |
| 136 | Phe Asp Ala Cys Gly Pro Ser Asn Leu Asn Gly Met Phe Tyr Thr Ala | |
| 137 | 405 410 415 | |
| 139 | gga caa aac cat gga aaa ctg aat ggg ata aag tgg cac tac ttc aaa | 1296 |
| 140 | Gly Gln Asn His Gly Lys Leu Asn Gly Ile Lys Trp His Tyr Phe Lys | |
| 141 | 420 425 430 | |
| 143 | ggg ccc agt tac tcc tta cgt tcc aca act atg atg att cga cct tta | 1344 |
| 144 | Gly Pro Ser Tyr Ser Leu Arg Ser Thr Thr Met Met Ile Arg Pro Leu | |
| 145 | 435 440 445 | |
| 147 | gat ttt gga ccg ggc gag ccc aaa tct tgt gac aaa act cac aca tgc | 1392 |
| 148 | Asp Phe Gly Pro Gly Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys | |
| 149 | 450 455 460 | |
| 151 | cca ccg tgc cca gca cct gaa ctc ctg ggg gga ccg tca gtc ttc ctc | 1440 |
| 152 | Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu | |
| 153 | 465 470 475 480 | |
| 155 | ttc ccc cca aaa ccc aag gac acc ctc atg atc tcc cgg acc cct gag | 1488 |
| 156 | Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu | |
| 157 | 485 490 495 | |
| 159 | gtc aca tgc gtg gtg gac gtg agc cac gaa gac cct gag gtc aag | 1536 |
| 160 | Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys | |
| 161 | 500 505 510 | |
| 163 | ttc aac tgg tac gtg gac ggc gtg gag gtg cat aat gcc aag aca aag | 1584 |
| 164 | Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys | |
| 165 | 515 520 525 | |
| 167 | ccg cgg gag gag cag tac aac agc acg tac cgt gtg gtc agc gtc ctc | 1632 |
| 168 | Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu | |
| 169 | 530 535 540 | |
| 171 | acc gtc ctg cac cag gac tgg ctg aat ggc aag gag tac aag tgc aag | 1680 |
| 172 | Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys | |
| 173 | 545 550 555 560 | |
| 175 | gtc tcc aac aaa gcc ctc cca gcc ccc atc gag aaa acc atc tcc aaa | 1728 |
| 176 | Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys | |
| 177 | 565 570 575 | |
| 179 | gcc aaa ggg cag ccc cga gaa cca cag gtg tac acc ctg ccc cca tcc | 1776 |
| 180 | Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser | |
| 181 | 580 585 590 | |
| 183 | cgg gat gag ctg acc aag aac cag gtc agc ctg acc tgc ctg gtc aaa | 1824 |
| 184 | Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys | |
| 185 | 595 600 605 | |
| 187 | ggc ttc tat ccc agc gac atc gcc gtg gag tgg gag agc aat ggg cag | 1872 |
| 188 | Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln | |
| 189 | 610 615 620 | |
| 191 | ccg gag aac aac tac aag acc acg cct ccc gtg ctg gac tcc gac gcc | 1920 |
| 192 | Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly | |
| 193 | 625 630 635 640 | |
| 195 | tcc ttc ttc ctc tac agc aag ctc acc gtg gac aag agc agg tgg cag | 1968 |

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/868,677

DATE: 04/11/2002

TIME: 16:09:07

Input Set : A:\REG670A.txt

Output Set: N:\CRF3\04112002\I868677.raw

```

196 Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln
197                               645                               650                               655
199 cag ggg aac gtc ttc tca tgc tcc gtg atg cat gag gct ctg cac aac      2016
200 Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn
201                               660                               665                               670
203 cac tac acg cag aag agc ctc tcc ctg tct ccg ggt aaa tga      2058
204 His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
205                               675                               680                               685
208 <210> SEQ ID NO: 2
209 <211> LENGTH: 685
210 <212> TYPE: PRT
211 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 2
214 Met Ser Ala Leu Leu Ile Leu Ala Leu Val Gly Ala Ala Val Ala Arg
215   1                               5                               10                               15
216 Asp Cys Ala Asp Val Tyr Gln Ala Gly Phe Asn Lys Ser Gly Ile Tyr
217                               20                               25                               30
218 Thr Ile Tyr Ile Asn Asn Met Pro Glu Pro Lys Lys Val Phe Cys Asn
219                               35                               40                               45
220 Met Asp Val Asn Gly Gly Gly Trp Thr Val Ile Gln His Arg Glu Asp
221                               50                               55                               60
222 Gly Ser Leu Asp Phe Gln Arg Gly Trp Lys Glu Tyr Lys Met Gly Phe
223   65                               70                               75                               80
224 Gly Asn Pro Ser Gly Glu Tyr Trp Leu Gly Asn Glu Phe Ile Phe Ala
225                               85                               90                               95
226 Ile Thr Ser Gln Arg Gln Tyr Met Leu Arg Ile Glu Leu Met Asp Trp
227                               100                              105                              110
228 Glu Gly Asn Arg Ala Tyr Ser Gln Tyr Asp Arg Phe His Ile Gly Asn
229                               115                              120                              125
230 Glu Lys Gln Asn Tyr Arg Leu Tyr Leu Lys Gly His Thr Gly Thr Ala
231                               130                              135                              140
232 Gly Lys Gln Ser Ser Leu Ile Leu His Gly Ala Asp Phe Ser Thr Lys
233   145                              150                              155                              160
234 Asp Ala Asp Asn Asp Asn Cys Met Cys Lys Cys Ala Leu Met Leu Thr
235                               165                              170                              175
236 Gly Gly Trp Trp Phe Asp Ala Cys Gly Pro Ser Asn Leu Asn Gly Met
237                               180                              185                              190
238 Phe Tyr Thr Ala Gly Gln Asn His Gly Lys Leu Asn Gly Ile Lys Trp
239                               195                              200                              205
240 His Tyr Phe Lys Gly Pro Ser Tyr Ser Leu Arg Ser Thr Thr Met Met
241                               210                              215                              220
242 Ile Arg Pro Leu Asp Phe Gly Pro Ala Pro Phe Arg Asp Cys Ala Asp
243   225                              230                              235                              240
244 Val Tyr Gln Ala Gly Phe Asn Lys Ser Gly Ile Tyr Thr Ile Tyr Ile
245                               245                              250                              255
246 Asn Asn Met Pro Glu Pro Lys Lys Val Phe Cys Asn Met Asp Val Asn
247                               260                              265                              270
248 Gly Gly Gly Trp Thr Val Ile Gln His Arg Glu Asp Gly Ser Leu Asp
249                               275                              280                              285

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/868,677

DATE: 04/11/2002

TIME: 16:09:07

Input Set : A:\REG670A.txt

Output Set: N:\CRF3\04112002\I868677.raw

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 250 | Phe | Gln | Arg | Gly | Trp | Lys | Glu | Tyr | Lys | Met | Gly | Phe | Gly | Asn | Pro | Ser |
| 251 | | 290 | | | | | 295 | | | | | 300 | | | | |
| 252 | Gly | Glu | Tyr | Trp | Leu | Gly | Asn | Glu | Phe | Ile | Phe | Ala | Ile | Thr | Ser | Gln |
| 253 | 305 | | | | | 310 | | | | | 315 | | | | | 320 |
| 254 | Arg | Gln | Tyr | Met | Leu | Arg | Ile | Glu | Leu | Met | Asp | Trp | Glu | Gly | Asn | Arg |
| 255 | | | | | 325 | | | | | 330 | | | | | 335 | |
| 256 | Ala | Tyr | Ser | Gln | Tyr | Asp | Arg | Phe | His | Ile | Gly | Asn | Glu | Lys | Gln | Asn |
| 257 | | | | 340 | | | | | 345 | | | | | 350 | | |
| 258 | Tyr | Arg | Leu | Tyr | Leu | Lys | Gly | His | Thr | Gly | Thr | Ala | Gly | Lys | Gln | Ser |
| 259 | | | 355 | | | | | 360 | | | | | 365 | | | |
| 260 | Ser | Leu | Ile | Leu | His | Gly | Ala | Asp | Phe | Ser | Thr | Lys | Asp | Ala | Asp | Asn |
| 261 | 370 | | | | | 375 | | | | | | 380 | | | | |
| 262 | Asp | Asn | Cys | Met | Cys | Lys | Cys | Ala | Leu | Met | Leu | Thr | Gly | Gly | Trp | Trp |
| 263 | 385 | | | | | 390 | | | | | 395 | | | | | 400 |
| 264 | Phe | Asp | Ala | Cys | Gly | Pro | Ser | Asn | Leu | Asn | Gly | Met | Phe | Tyr | Thr | Ala |
| 265 | | | | | 405 | | | | | 410 | | | | | 415 | |
| 266 | Gly | Gln | Asn | His | Gly | Lys | Leu | Asn | Gly | Ile | Lys | Trp | His | Tyr | Phe | Lys |
| 267 | | | | 420 | | | | | 425 | | | | | 430 | | |
| 268 | Gly | Pro | Ser | Tyr | Ser | Leu | Arg | Ser | Thr | Thr | Met | Met | Ile | Arg | Pro | Leu |
| 269 | | | 435 | | | | | 440 | | | | | 445 | | | |
| 270 | Asp | Phe | Gly | Pro | Gly | Glu | Pro | Lys | Ser | Cys | Asp | Lys | Thr | His | Thr | Cys |
| 271 | 450 | | | | | 455 | | | | | 460 | | | | | |
| 272 | Pro | Pro | Cys | Pro | Ala | Pro | Glu | Leu | Leu | Gly | Gly | Pro | Ser | Val | Phe | Leu |
| 273 | 465 | | | | | 470 | | | | | 475 | | | | | 480 |
| 274 | Phe | Pro | Pro | Lys | Pro | Lys | Asp | Thr | Leu | Met | Ile | Ser | Arg | Thr | Pro | Glu |
| 275 | | | | 485 | | | | | 490 | | | | | | 495 | |
| 276 | Val | Thr | Cys | Val | Val | Val | Asp | Val | Ser | His | Glu | Asp | Pro | Glu | Val | Lys |
| 277 | | | | 500 | | | | | 505 | | | | | 510 | | |
| 278 | Phe | Asn | Trp | Tyr | Val | Asp | Gly | Val | Glu | Val | His | Asn | Ala | Lys | Thr | Lys |
| 279 | | | 515 | | | | | 520 | | | | | 525 | | | |
| 280 | Pro | Arg | Glu | Glu | Gln | Tyr | Asn | Ser | Thr | Tyr | Arg | Val | Val | Ser | Val | Leu |
| 281 | 530 | | | | | 535 | | | | | | 540 | | | | |
| 282 | Thr | Val | Leu | His | Gln | Asp | Trp | Leu | Asn | Gly | Lys | Glu | Tyr | Lys | Cys | Lys |
| 283 | 545 | | | | | 550 | | | | | 555 | | | | | 560 |
| 284 | Val | Ser | Asn | Lys | Ala | Leu | Pro | Ala | Pro | Ile | Glu | Lys | Thr | Ile | Ser | Lys |
| 285 | | | | 565 | | | | | | 570 | | | | | 575 | |
| 286 | Ala | Lys | Gly | Gln | Pro | Arg | Glu | Pro | Gln | Val | Tyr | Thr | Leu | Pro | Pro | Ser |
| 287 | | | | 580 | | | | | 585 | | | | | 590 | | |
| 288 | Arg | Asp | Glu | Leu | Thr | Lys | Asn | Gln | Val | Ser | Leu | Thr | Cys | Leu | Val | Lys |
| 289 | | | 595 | | | | | 600 | | | | | 605 | | | |
| 290 | Gly | Phe | Tyr | Pro | Ser | Asp | Ile | Ala | Val | Glu | Trp | Glu | Ser | Asn | Gly | Gln |
| 291 | 610 | | | | | 615 | | | | | | 620 | | | | |
| 292 | Pro | Glu | Asn | Asn | Tyr | Lys | Thr | Thr | Pro | Pro | Val | Leu | Asp | Ser | Asp | Gly |
| 293 | 625 | | | | | 630 | | | | | 635 | | | | | 640 |
| 294 | Ser | Phe | Phe | Leu | Tyr | Ser | Lys | Leu | Thr | Val | Asp | Lys | Ser | Arg | Trp | Gln |
| 295 | | | | 645 | | | | | | 650 | | | | | 655 | |
| 296 | Gln | Gly | Asn | Val | Phe | Ser | Cys | Ser | Val | Met | His | Glu | Ala | Leu | His | Asn |
| 297 | | | | 660 | | | | | 665 | | | | | 670 | | |
| 298 | His | Tyr | Thr | Gln | Lys | Ser | Leu | Ser | Leu | Ser | Pro | Gly | Lys | | | |

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/868,677

DATE: 04/11/2002

TIME: 16:09:08

Input Set : A:\REG670A.txt

Output Set: N:\CRF3\04112002\I868677.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1424 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1427 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:11